



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> : <b>A01N 65/00, A61K 35/78</b>		<b>A1</b>	(11) International Publication Number: <b>WO 99/09836</b>
			(43) International Publication Date: 4 March 1999 (04.03.99)

  

<p>(21) International Application Number: PCT/GB98/02425</p> <p>(22) International Filing Date: 21 August 1998 (21.08.98)</p> <p>(30) Priority Data:</p> <table> <tr> <td>9717893.3</td> <td>23 August 1997 (23.08.97)</td> <td>GB</td> </tr> <tr> <td>9718691.0</td> <td>4 September 1997 (04.09.97)</td> <td>GB</td> </tr> <tr> <td>9800166.2</td> <td>7 January 1998 (07.01.98)</td> <td>GB</td> </tr> </table> <p>(71) Applicant (for all designated States except US): QUEEN MARGARET COLLEGE [GB/GB]; Corstorphine Campus, Clerwood Terrace, Edinburgh EH12 8TS (GB).</p> <p>(72) Inventor; and</p> <p>(75) Inventor/Applicant (for US only): FYFE, Lorna [GB/GB]; 33 Joppa Road, Joppa, Edinburgh EH15 2HB (GB).</p> <p>(74) Agent: MURGITROYD &amp; COMPANY; 373 Scotland Street, Glasgow G5 8QA (GB).</p>	9717893.3	23 August 1997 (23.08.97)	GB	9718691.0	4 September 1997 (04.09.97)	GB	9800166.2	7 January 1998 (07.01.98)	GB	<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b></p> <p><i>With international search report.</i></p> <p><i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>
9717893.3	23 August 1997 (23.08.97)	GB								
9718691.0	4 September 1997 (04.09.97)	GB								
9800166.2	7 January 1998 (07.01.98)	GB								

  

(54) Title: INHIBITOR AND PRESERVATIVE FORMULATION

(57) Abstract

The present invention provides an inhibitor and preservative formulation comprising a combination of a plant oil chosen from the oils of fennel, anise or basic, or derivatives or active ingredients thereof with benzoic acid, methyl paraben, ethyl paraben, propyl paraben or butyl paraben. Suitably the formulation comprises between 0.1 % and 1 % of plant oil derivative or active ingredient thereof and 0.1 % benzoic acid or paraben. The ingredients may be administered separately or together to a foodstuff. Alternatively the ingredients may be used in the manufacture of medicament to inhibit micro-organism growth.